

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Enterprise Refined Products Company LLC

AUTHORIZING THE OPERATION OF
Beaumont Terminal
Beaumont Marine East Terminal
Pipeline Transportation of Refined Petroleum Products

LOCATED AT
Orange County, Texas
Latitude 30° 2' 29" Longitude 94° 1' 14"
Regulated Entity Number: RN100228717

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O4023 Issuance Date: February 19, 2020

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts R, Y, WW, EEEE and ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, §§ 113.230, 113.300, 113.880 and 113.1090 which incorporates the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(a)(1).
- 5. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
 - A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks
 - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
 - (iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)
 - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
 - (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections

- (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
- (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xii) Title 30 TAC § 115.545(1) - (7), (9) - (11) and (13) (relating to Approved Test Methods)
- (xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xvi) Title 30 TAC § 115.547(4) (relating to Exemptions)

6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
- B. Title 40 CFR § 60.8 (relating to Performance Tests)
- C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
- D. Title 40 CFR § 60.12 (relating to Circumvention)
- E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
- F. Title 40 CFR § 60.14 (relating to Modification)
- G. Title 40 CFR § 60.15 (relating to Reconstruction)
- H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
8. For the bulk gasoline terminals specified in 40 CFR Part 63, Subpart R, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.230 incorporated by reference):
 - A. Title 40 CFR § 63.420(h), for applicability of the General Provisions of Subpart A
 - B. Title 40 CFR § 63.422(c), (c)(1) - (2) (relating to Standards: Loading Racks)
 - C. Title 40 CFR § 63.424(f) (relating to Standards: Equipment Leaks)
 - D. Title 40 CFR § 63.424(g) (relating to Standards: Equipment Leaks)
 - E. Title 40 CFR § 63.425(e) - (h) (relating to Test Methods and Procedures)
 - F. Title 40 CFR § 63.428(a) - (b), (g)(1), and (h)(2) - (3) (relating to Reporting and Recordkeeping)
 - G. Title 40 CFR § 63.428(f)(1) - (2) (relating to Reporting and Recordkeeping)
9. For the operations pertaining to the loading and unloading of marine tank vessels specified in 40 CFR Part 63, Subpart Y, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.300 incorporated by reference):
 - A. Title 40 CFR § 63.560(c) (relating to Designation of Affected Source), for applicability of the General Provisions of Subpart A
 - B. Title 40 CFR § 63.563(a)(4) (relating to Compliance and Performance Testing), for vapor tightness requirements of the marine vessels
 - C. Title 40 CFR § 63.564(a)(1) and (d) (relating to Monitoring Requirements)
 - D. Title 40 CFR § 63.565(a) (relating to Test Methods and Procedures), for performance testing requirements
 - E. Title 40 CFR § 63.565(c) (relating to Test Methods and Procedures), for vapor tightness requirements of the marine vessels
 - F. Title 40 CFR § 63.566 (relating to Construction and Reconstruction)
 - G. Title 40 CFR § 63.567(a) - (b) and (h) - (i) (relating to Reporting and Recordkeeping Requirements)
10. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the

permit holder shall submit a revision application to codify the appropriate requirements in the permit.

New Source Review Authorization Requirements

11. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
12. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
13. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
15. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116

- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
16. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Permit Location

- 17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FUG	FUGITIVE EMISSION UNITS	N/A	63EEEE-0001	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPENG1	SRIC ENGINES	FWPUMP1, FWPUMP2	60IIII-0001	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPENG1	SRIC ENGINES	FWPUMP1, FWPUMP2	60ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPENG2	SRIC ENGINES	FWPUMP3, FWPUMP4	60IIII-0001	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPENG2	SRIC ENGINES	FWPUMP3, FWPUMP4	60ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPSLE	LOADING/UNLOADING OPERATIONS	SLE-C, SLE-U	63Y-0001	40 CFR Part 63, Subpart Y	No changing attributes.
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	R5112-0001	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	R5112-0002	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	R5112-0003	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	R5112-0004	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	R5112-0005	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = Crude oil and/or condensate
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	60KB-0001	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate)
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	60KB-0003	40 CFR Part 60, Subpart Kb	Product Stored = Volatile organic liquid
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	63EEEE-001	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPTNK1	STORAGE TANKS/VESSELS	T-106, T-107, T-108	63R-0001	40 CFR Part 63, Subpart R	No changing attributes.
LOAD-1	LOADING/UNLOADING OPERATIONS	N/A	63Y-0001	40 CFR Part 63, Subpart Y	No changing attributes.
TK-1000	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TK-1000	STORAGE TANKS/VESSELS	N/A	R5112-0002	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
TK-1000	STORAGE TANKS/VESSELS	N/A	R5112-0003	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
TK-1000	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
TK-1000	STORAGE TANKS/VESSELS	N/A	R5112-0005	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = Crude oil and/or condensate
TK-1000	STORAGE TANKS/VESSELS	N/A	60KB-0001	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate)
TK-1000	STORAGE TANKS/VESSELS	N/A	60KB-0003	40 CFR Part 60, Subpart Kb	Product Stored = Volatile organic liquid

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TK-1000	STORAGE TANKS/VESSELS	N/A	63R-0001	40 CFR Part 63, Subpart R	No changing attributes.
TRUCKLD	LOADING/UNLOADING OPERATIONS	N/A	R5217-0001	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	63EEEE-0001	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPENG1	EU	60III-0001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPENG1	EU	60III-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPENG1	EU	60ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRPENG2	EU	60IIII-0001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPENG2	EU	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4218	displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.			
GRPENG2	EU	60ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
GRPSLE	EU	63Y-0001	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(a)(2) § 153.282 § 63.560(a)(4)	Existing sources with emissions less than 10 and 25 tons are not subject to the emissions standards in §63.562(b) and (d).	§ 63.565(l)	§ 63.567(j)(4)	None
GRPTNK1	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRPTNK1	EU	R5112-0002	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
GRPTNK1	EU	R5112-0003	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRPTNK1	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPTNK1	EU	R5112-0005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPTNK1	EU	60KB-0001	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.110b(e)(5) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	[G]§ 60.110b(e)(5)(iii) § 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(1)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1060 § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) [G]§ 63.1063(a)(2) [G]§ 63.1063(b)		[G]§ 63.1063(c)(1)(i) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2) [G]§ 63.1063(e)	§ 63.1065(c) § 63.1065(d)	
GRPTNK1	EU	60KB-0003	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.110b(e)(5) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.112b(a)(1)(i) § 60.112b(a)(1)(iii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.1060 § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) [G]§ 63.1063(a)(2) [G]§ 63.1063(b)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	[G]§ 60.110b(e)(5)(iii) § 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2) [G]§ 63.1063(e)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
GRPTNK1	EU	63EEEE-001	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTNK1	EU	63R-0001	TOC	40 CFR Part 63, Subpart R	§ 63.423(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(iii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Bulk gasoline terminals/pipeline breakout stations shall equip gasoline storage vessels with a capacity > 75 m ³ as in § 60.112b(a)(1)-(4), except § 60.112b(a)(1)(iv)-(ix) and § 60.112b(a)(2)(ii).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.425(d) § 63.427(c)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(c) § 63.427(c) § 63.428(d)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 60.116b(d) § 63.428(d) § 63.428(g) § 63.428(g)(2)
LOAD-1	EU	63Y-0001	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(a)(2) § 153.282 § 63.560(a)(4)	Existing sources with emissions less than 10 and 25 tons are not subject to the emissions standards in §63.562(b) and (d).	§ 63.565(l)	§ 63.567(j)(4)	None
TK-1000	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
TK-1000	EU	R5112-0002	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK-1000	EU	R5112-0003	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A)	Tanks shall not store VOC unless the required pressure is maintained, or	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	they are equipped with the appropriate control device specified in Table I(a) or Table II(a).			
TK-1000	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK-1000	EU	R5112-0005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK-1000	EU	60KB-0001	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.110b(e)(5) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.1060 § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	[G]§ 60.110b(e)(5)(iii) § 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.1063(a)(2) [G]§ 63.1063(b)		[G]§ 63.1063(e)		
TK-1000	EU	60KB-0003	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.110b(e)(5) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.1060 § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) [G]§ 63.1063(a)(2) [G]§ 63.1063(b)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	[G]§ 60.110b(e)(5)(iii) § 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2) [G]§ 63.1063(e)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
TK-1000	EU	63R-0001	TOC	40 CFR Part 63, Subpart R	§ 63.423(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Bulk gasoline terminals/pipeline breakout stations shall equip gasoline storage vessels with a capacity > 75 m ³ as in § 60.112b(a)(1)-(4), except § 60.112b(a)(1)(iv)-(ix) and § 60.112b(a)(2)(ii).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.425(d) § 63.427(c)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(c) § 63.427(c) § 63.428(d)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 60.116b(d) § 63.428(d) § 63.428(g) § 63.428(g)(2)
TRUCKLD	EU	R5217-	VOC	30 TAC Chapter	§ 115.217(a)(1)	Vapor pressure (at land-	§ 115.214(a)(1)(A)	§ 115.216	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		0001		115, Loading and Unloading of VOC	§ 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216(2) § 115.216(3)(B)	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPSLE	SLE-C, SLE-U	30 TAC Chapter 115, Loading and Unloading of VOC	Loading of marine vessels is outside of the Houston-Galveston-Brazoria ozone nonattainment area.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	30 TAC Chapter 115, Storage of VOCs	Storage tank capacity is less than 1,000 gallons.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 60, Subpart K	Tanks were constructed after May 19, 1978.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 60, Subpart Ka	Tanks were constructed after July 23, 1984.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 60, Subpart Kb	Tank has a storage capacity less than 75 cubic meters (19,800 gallons).
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 60, Subpart OOOO	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 60, Subpart OOOOa	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 63, Subpart OO	No reference to subpart OO by another subpart.
GRPSUMP	BGSUMP, PIGSUMP, SHIPSUMP	40 CFR Part 63, Subpart R	Tank has a storage capacity less than 75 cubic meters (19,800 gallons).
GRPTNK1	T-106, T-107, T-108	40 CFR Part 60, Subpart K	Tanks were constructed after May 19, 1978.
GRPTNK1	T-106, T-107, T-108	40 CFR Part 60, Subpart Ka	Tanks were constructed after July 23, 1984.
GRPTNK1	T-106, T-107, T-108	40 CFR Part 60, Subpart OOOO	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPTNK1	T-106, T-107, T-108	40 CFR Part 60, Subpart OOOOa	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
GRPTNK1	T-106, T-107, T-108	40 CFR Part 63, Subpart OO	No reference to subpart OO by another subpart.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	30 TAC Chapter 115, Storage of VOCs	Tanks storage capacity is less than 1,000 gallons.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 60, Subpart K	Tanks were constructed after May 19, 1978.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 60, Subpart Ka	Tanks were constructed after July 23, 1984.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 60, Subpart Kb	Tank has a storage capacity less than 75 cubic meters (19,800 gallons).
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 60, Subpart OOOO	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 60, Subpart OOOOa	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 63, Subpart OO	No reference to subpart OO by another subpart.
GRPTNK2	DTK-1, DTK-2, DTK-3, DTK-4	40 CFR Part 63, Subpart R	Tank has a storage capacity less than 75 cubic meters (19,800 gallons).
LOAD-1	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading of marine vessels is outside of the Houston Galveston-Brazoria ozone nonattainment area.
TK-1000	N/A	40 CFR Part 60, Subpart K	Tanks were constructed after May 19, 1978.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK-1000	N/A	40 CFR Part 60, Subpart Ka	Tanks were constructed after July 23, 1984.
TK-1000	N/A	40 CFR Part 60, Subpart OOOO	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
TK-1000	N/A	40 CFR Part 60, Subpart OOOOa	Facility is not in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment.
TK-1000	N/A	40 CFR Part 63, Subpart OO	No reference to subpart OO by another subpart.
TRUCKLD	N/A	40 CFR Part 63, Subpart R	Loading rack only loads diesel and is not in gasoline service.
VCU-1	N/A	30 TAC Chapter 117, Subchapter B	The provisions of 30 TAC Chapter 117, Subchapter B, Division 1 do not apply to vapor combustion units.

New Source Review Authorization References

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New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 142750	Issuance Date: 11/08/2019
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
ATMDEGAS	ATMOSPHERIC DEGASSING OF TK-1000	142750
B-SUMPMSS	ATMOSPHERIC DEGASSING OF BARGE DOCK SUMP	142750
BGSUMP	BARGE DOCK SUMP	142750
BPUMPMSS	BARGE DOCK PUMP DEGASSING	142750
DTK-1	SHIP DOCK DIESEL TANK 1	106.472/09/04/2000
DTK-2	SHIP DOCK DIESEL TANK 2	106.472/09/04/2000
DTK-3	BARGE DOCK DIESEL TANK 3	106.472/09/04/2000
DTK-4	BARGE DOCK DIESEL TANK 4	106.472/09/04/2000
FUG	SITEWIDE FUGITIVES	142750, 106.261/11/01/2003, 106.262/11/01/2003
FWPUMP1	SHIP DOCK FIREWATER PUMP 1	106.511/09/04/2000
FWPUMP2	SHIP DOCK FIREWATER PUMP 2	106.511/09/04/2000
FWPUMP3	BARGE DOCK FIREWATER PUMP 3	106.511/09/04/2000
FWPUMP4	BARGE DOCK FIREWATER PUMP 4	106.511/09/04/2000
LOAD-1	BARGE DOCK LOADING	106.261/11/01/2003, 106.262/11/01/2003
P-VCU	PORTABLE VAPOR COMBUSTOR	142750
PIGMSS	PIG RECEIVING (POST-CONTROL ATMOSPHERIC)	142750
PIGSUMP	PIG SUMP	142750
PMETERMSS	PIPELINE METER RUN DEGASSING	142750
SHIPSUMP	SHIP DOCK SUMP	142750
SLE-C	UNCAPTURED SHIP DOCK LOADING FUGITIVES	142750
SLE-U	UNCONTROLLED SHIP DOCK LOADING FUGITIVES	142750

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
SPUMPMSS	SHIP DOCK PUMP DEGASSING	142750
T-106	DEFR TANK-106	106.261/11/01/2003, 106.262/11/01/2003, 106.478/09/04/2000
T-107	DEFR TANK-107	106.261/11/01/2003, 106.262/11/01/2003, 106.478/09/04/2000
T-108	DEFR TANK-108	106.261/11/01/2003, 106.262/11/01/2003, 106.478/09/04/2000
TK-1000	SLOP TANK	142750
TRUCKLD	TRUCK LOADING	106.472/09/04/2000
VCU-1	MARINE VAPOR COMBUSTOR VCU-1	142750

Appendix A

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Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound